

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work: Estimate for Construction of Culverts, Providing Covering Slab to Existing Drains at Varadarajangara Gandhi Statue Road in ward No. 11 (Kuvempungara), Vidyaranya pura sub Division (Mariamma Block Asphalt Road).

		Estimate Cost Rs.						1500000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 141 / Item No. 19.1 / PWD SR 2015-16	Cum							
	For Drain Desilting								
	Mariamma Block Surroundings		2	85.00	0.45	0.40	30.60		
			2	75.00	0.45	0.40	27.00		
			2	80.00	0.45	0.35	25.20		
			2	67.00	0.45	0.35	21.11		
	For Road Work								
	Mariamma Block Surroundings		1	85.00	5.00	0.15	63.75		
			1	75.00	5.00	0.15	56.25		
			1	80.00	5.00	0.15	60.00		
			1	67.00	5.00	0.15	50.25		
							334.16	83.16	27788.00
	Basic Rate	77.00							
	Area Weightage @8%	6.16							
	Total	83.16							
2	Removing B.S Slab of Drain and stacking Page No. 25 / Item No. 5.32 / PWD SR 2015-16	Sqm							
	Mariamma Block Surroundings		2	85.00		1.35	229.50		
			2	75.00		1.35	202.50		
			2	80.00		1.35	216.00		
			2	67.00		1.35	180.90		
							828.90	63.72	52818.00
	Basic Rate	59.00							
	Area Weightage @ 8%	4.72							
	Total	63.72							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25 / Item No. 5.33 / PWD SR 2015-16	Sqm							
			Qty Vide Item No. 2				828.90	78.84	65350.00
	Basic Rate	73.00							
	Area Weightage @ 8%	5.84							
	Total	78.84							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification NO. 406, Page No. 157 / Item No. 20.18 / PWD SR 2015-16	Cum							
	Mariamma Block Surroundings		1	85.00	5.00	0.20	85.00		
			1	75.00	5.00	0.20	75.00		
			1	80.00	5.00	0.20	80.00		
			1	67.00	5.00	0.20	67.00		
							307.00	1713.96	526186.00
	Basic Rate	1587.00							
	Area Weightage @ 8%	126.96							
	Total	1713.96							
5	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechanical means complete as per specifications. MORTH specification NO. 502, Page No. 160 / Item No. 21.6 / PWD SR 2015-16	Sqm							
	Mariamma Block Surroundings		1	85.00	5.00		425.00		
			1	75.00	5.00		375.00		
			1	80.00	5.00		400.00		
			1	67.00	5.00		335.00		
							1535.00	32.40	49734.00
	Basic Rate	30.00							
	Area Weightage @ 8%	2.40							
	Total	32.40							
6	KSRRB M500-19: Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve, the desired compaction as per MORTH specification clauses No. 500.9 complete in all respects complete as per specifications. Using 100/120 TPH capacity H.M.P with sensor paver Gr-II (30 mm to 45 mm) with 6 % CRMB 55 Page No. 164 / Item No. 21.23.2 / PWD SR 2015-16	Cum							
	Mariamma Block Surroundings		1	85.00	5.00	0.040	17.00		
			1	75.00	5.00	0.040	15.00		
			1	80.00	5.00	0.040	16.00		
			1	67.00	5.00	0.040	13.40		
							61.40	11843.28	727177.00
	Basic Rate	10966.00							
	Area Weightage @ 8%	877.28							
	Total	11843.28							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 11.90 Km (PWD SR 2015-16 Rates P No 139)	Cum							
			Qty. Vide Item No. 1				334.16	106.34	35533.00
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 TX 11.90Km X 2.0/km= 30.46	30.46							
	Add loading and unloading Charges It No 17.1 KSRRB M 100-1	68.00							
		98.46							
	Area Weightage @ 8%	7.88							
	Total	106.34							
8	Sub Total								1484586.00
9	Third Party Inspection Charges @ 1%								14846.00
10	Add for unforeseen and rounding off	L/S							568.00
								Total	1500000.00

(Rupees Fifteen Lakhs Only)

Certificate:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2015-16.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Junior Engineer
Ward No. 11

Executive Engineer
Byatarayanapura Division
Yalahanka 7600, B.B.M.P.
Bangalore-560092
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval
Accorded For 15.00 lakh Rs.
Head of A/C P-3075
CER NO : 90B Dt: 16.12.15

TA [Signature] CE (YNK)

TECHNICAL SANCTION	
Accorded For Rs.....	<u>1500000 = 15 L</u>
Head of A/c.....	<u>P-3075</u>
Div. Ref. No.....	<u>266/15-16</u>
Date.....	<u>26.12.15</u>
AE <u>[Signature]</u> (BTP)	

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